

ARRANGEMENT FOR CONTROLLING SS7 MESSAGE ROUTING BY SELECTING A SIGNALING LINK SELECTION FIELD BASED ON AN AFFECTED DESTINATION

ABSTRACT OF THE DISCLOSURE

An originating node is configured for generating a route management signaling message having a signaling link selection (SLS) value that is selected by the originating node based on an affected destination value. The affected destination value, distinct from a destination point code (DPC) that specifies a destination node for the route management signaling message, identifies an affected signaling node that is affected by the route management signaling message. Hence, route management signaling messages related to the affected signaling node are routed along the same signaling path, ensuring that all the related route management signaling messages remain in sequence. Further, different signaling path can be established for respective affected signaling nodes, providing load sharing of route management signaling messages relative to the respective affected signaling nodes.